

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

---

In re Patent Application of:  
KOO et al.

Application No.: 10/748,525

Confirmation No.: 9348

Filed: December 29, 2003

Art Unit: 1634

For: METHODS AND COMPOSITIONS FOR  
NUCLEIC ACID DETECTION AND  
SEQUENCE ANALYSIS

---

Examiner: Steven C. Pohnert

**SUBSTITUTE**  
**AMENDMENT UNDER 37 C.F.R. §1.111**

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

In response to the Office Action dated March 4, 2009, rejecting claims 1, 2, 6-10, 24, 25 and 28-48, please amend the above-identified U.S. patent application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.